A: forward map and inversion

reference distribution · z_2 · $S_1^{-1}(z_1)$ · $S_1(x_1)$ · z_1

intermediate distribution · z_2 · $S_2^{-1}(z_2; x_1)$ · $S_2(x_1, x_2)$ · x_1

target distribution · x_2 · x_1
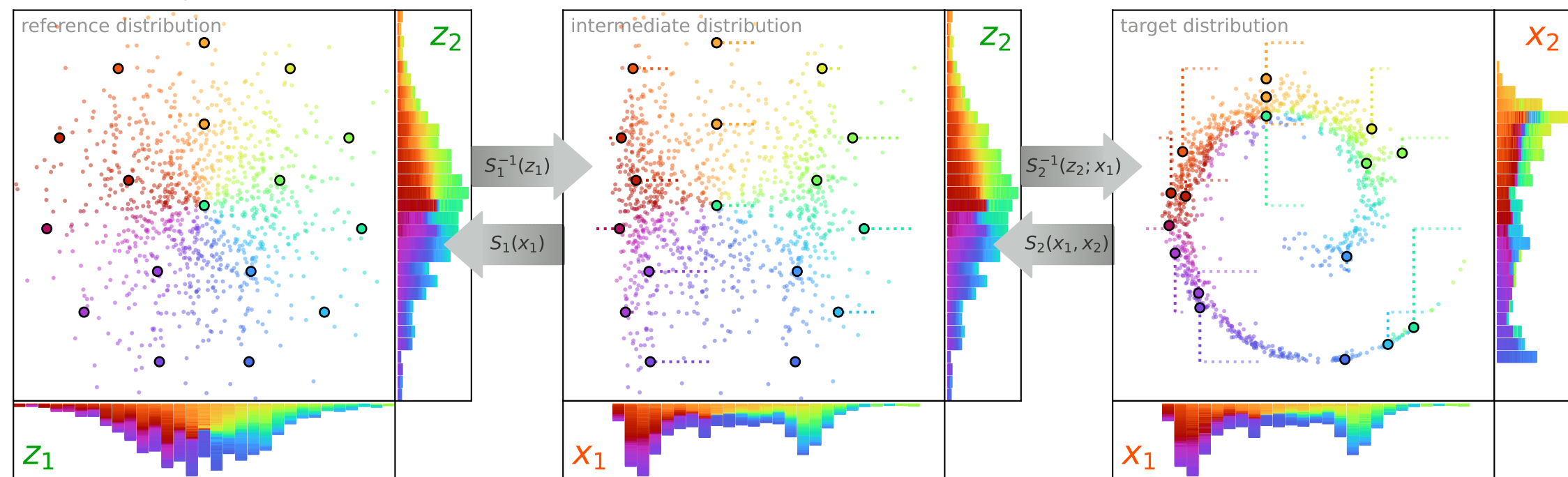
B: conditional inversion

conditional intermediate distribution · z_2 · $S_2^{-1}(z_2; x_1^*)$

conditional target distribution · x_2^* · x_1^* · x_1^*

reference sample position (relative to origin)

samples

original samples (conditioning)